

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **05-244056**

(43)Date of publication of application : **21.09.1993**

(51)Int.Cl.

H04B 7/26

H04L 1/00

(21)Application number : **04-345817**

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(22)Date of filing : **25.12.1992**

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(30)Priority

Priority number : **03345625** Priority date : **26.12.1991** Priority country : **JP**

(54) TRANSMITTER POWER CONTROL SYSTEM FOR MOBILE COMMUNICATION SYSTEM

(57)Abstract:

PURPOSE: To keep the signal quality of the cellular type mobile communication system constant.

CONSTITUTION: The mean reception bit error rate of a channel in use is measured on a reception side. When the mean reception bit error rate is less than a 1st threshold value, the transmitter power of a transmission side is decreased by a certain quantity. When the mean reception bit error rate is larger than a 2nd threshold value, the transmitter power of the transmission side is increased by a certain quantity. Instead of the reception bit error rate, CIR (communication wave-to-interference wave power ratio) is measured on the reception side and the transmitter power of the transmission side may be controlled according to the measured value.

LEGAL STATUS

[Date of request for examination] 25.12.1996

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 2823034

[Date of registration] 04.09.1998

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]